Peak District National Park

Forecast valid from 00:00 on Friday 24 Jun 2022 until 23:59 on Saturday 25 Jun 2022

Forecast Issued on Thursday 23 Jun 2022 at 14:42

Confidence: High for transition to cooler, fresher and more unsettled conditions by Friday and into the weekend. Lower for timing and development of showers and thunderstorms.

Headline for Friday 24 Jun 2022: Heavy showers and thunderstorms developing on Friday, with lightning and hail additional hazards.

Mountain weather hazards on Friday 24 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Thunderstorm	Thunderstorm	Thunderstorm	Light rain showers	Cloudy
Precipitation probability							
10%	10%	10%	40%	40%	40%	30%	10%

Forecast for Friday 24 Jun 2022

Weather: It will be a fine start to the day, with some good spells of sunshine. However, the clouds will soon bubble up to give way to some scattered showers, which will be heavy and thundery, with lightning and the risk of hail additional hazards, from late-morning and into the afternoon. Any showers or thunderstorms should gradually ease by the evening, with some late brightness developing, before a narrow band of showery rain arrives from the west by midnight.

Chance of cloud-free hill tops above 600m: Generally 90% throughout, but decreasing to 60% at times, in heavy showers and thunderstorms during the day.

Low cloud and visibility: Visibility will be very good with distant hills clearly visible and cloud is expected to remain above the summits, even in the heavy showers and thunderstorms. Visibility may lower to moderate or poor in any heavier showers or thunderstorms during the day.

Forecast for Friday 24 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 SW	8/11 SW	8/12 SW	10/15 SW	11/18 SW	12/20 SW	15/23 S	16/24 S	17/26 SW
300	5/7 S	4/7 S	5/9 S	10/15 SW	10/17 SW	10/17 S	13/22 S	13/23 S	13/22 SW
Valley	3/6 SE	3/7 SE	3/9 S	7/14 SW	8/16 SW	7/16 S	9/19 S	8/19 S	10/22 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	13/12	14/12	14/13	15/13	15/13	15/12	13/10	11/8
300	16/15	15/15	15/15	16/15	18/16	18/16	17/15	15/13	13/11
Valley	16/16	15/15	16/16	18/17	18/17	19/18	18/16	16/14	14/12
Freezing Level*	2900m	2800m	2600m	2600m	2600m	2700m	2700m	2500m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be Moderate to High during the middle of the day and therefore good sun protection is recommended. Sudden downpours are possible from late-morning and during the afternoon with lightning, hail and gusty winds possible additional hazards. Thin waterproof layers recommended, and be ready to descend off exposed and steep terrain during any heavy thundery downpours.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 22 Jun 2022	0mm	0mm	0mm

Forecast for Saturday 25 Jun 2022

Weather: A narrow band of cloud and outbreaks of showery rain will clear northeastwards during the early hours of Saturday morning, with drier and clearer conditions following on behind. After a dry and bright start initially, showers will soon break out from late-morning and into the afternoon. The showers are likely to be more widely scattered, with drier interludes and sunnier spells in between the showers. Feeling cooler and fresher compared to recent days.

Maximum wind: South to southwesterly 15-20mph, occasionally gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 90% chance throughout, lowering to 60% in the heavier showers.

Low cloud and visibility: Visibility will be very good with distant hills clearly visible and cloud is expected to remain above the summits, even in the showers. Visibility may lower to moderate or poor in any heavier showers during the day. However, the showers will be moving through fairly quickly, with any reductions in visibility likely to be short-lived.

Temperature: **Valleys:** Plus 13 Celsius, becoming Plus 18 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 13 Celsius.
Freezing level: Above the summit.